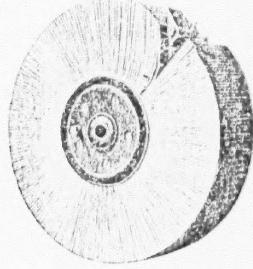


THE MUTOSCOPE REEL RENTAL SERVICE



The above cut shows a reel consisting of about 800 pictures, as used in the Mutoscope. To withstand the wear those reels are made of a special plastic material. It is necessary for them to be returned occasionally to our factory for repair and re-shaping. We do not sell reels, but put them out on a rental system at the nominal fee of three cents a day per reel from day of shipment until date of return, plus transportation charges. To insure their careful handling and return, we have arranged with the National Surety Co. to furnish a special bond at a cost to the customer of \$3.00 a year for 20 reels or less, \$7.00 for 50 and \$10.00 for 100.

In ordering reels it is well to select a larger number than required, enabling us to provide for absent reels, as occasionally all reels of the subject desired will be sent in exchange. In the early days of the motion picture reel rental business, the arcade business has grown to enormous proportions, and the Mutoscope, with their frequent change of new and catchy pictures, are the backbone of the business. The Mutoscope pictures are now being exhibited in every city in the world. Our production of pictures is continuous and strictly up-to-date. All sensational news events are covered by our photographers in this country and abroad, and to these are added a vast store of comedy and pigment subjects, making the Mutoscope famous the world over.

Brought to you by the Library
DIRECTORIES FOR OPERATING AND LIST OF PARTS
TYPE E. MUTOSCOPE



AMERICAN MUTOSCOPE & BIOGRAPH CO
11 EAST 14TH ST NEW YORK

172227

02925

71

TO UNPACK AND COUNT

Stand case on end with mark "THIS END UP" at top facing you. Draw nail from and remove cover also front and side traces and upright cleats, take hold of machine by viser, tip forward, thereby clearing it, and draw out of case.

TO CONNECT WITH DIRECT ELECTRIC SERVICE

WITH DIRECT ELECTRIC SERVICE

Through 3 feet of circular loop, or other standard insulation run No. 18, extend each twin cable of sufficient length to reach from lamp base to main entrance pass loop with cable through hole in back panel of machine, up through opening in plate and back of main frame to lamp socket (60), using care not to have exposed wire come in contact with machine-in. Prepare ends of cables and attach one end of terminal of lamp socket and other to terminal of switch (1) or lamp socket and other to terminal of

These switchblades are thoroughly insulated and are safe to handle.

OILING MOVEMENT

GENERAL DIRECTIONS

GENERAL DIRECTIONS
The vital parts of the mechanism are worm shaft or positive drive (636), worm gear (668), which carries reel, and friction attachment (635-637).

Owing to wear, the positive drive (636), or worm gear (635), will occasionally fail to turn reel smoothly, and snap back or "kick" off when operated. To remedy this replace with new the worn parts. When necessary to remove worm shaft or positive drive (636) take out retaining screw (688), detach locking link (632), belt crank (629) and guide (639), after which the positive drive can be drawn out. He can fit in during the reverse order.

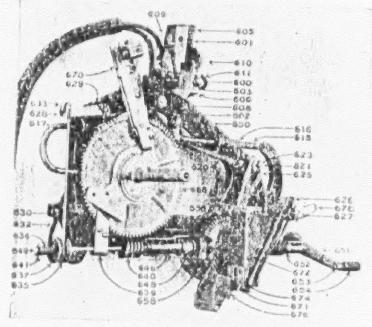
far in doing this not to lose the fibre link washer which goes in front of each end of worm casting (60) to hold the worm in place.

The third adjustment, that is, speed (63) and discs (67) with spiral spring (68) are used to keep the condition of the two discs (67), one on each side of the friction wheel (53) to be in a projection or key in opening. This has the effect of keeping worm shaft, and after service is liable to wear down, leaving friction on speed to hold the worm in mesh with gear when machine is operated after dropping coin. When this occurs, replace with new discs, examine them with worm (63) and see that surface of same is not worn down, allowing friction disc (67) to bear against spur nut centre.

If sides of friction spool (635) are worn at outer edge a new spool should be inserted. When re-assembling, use a little lubricant between the discs and spool, otherwise excessive friction is apt to cause machine to bog down.

In case coin hook (602) becomes bent, or causes breakage of coin lever (603), the parts may be replaced by detaching spring (609) and removing tilting clutch (622), next remove coin gauge plate (641) and drive out cross pin in bevel pinion (637). This will allow crank shaft to be removed, and afterwards each lever.

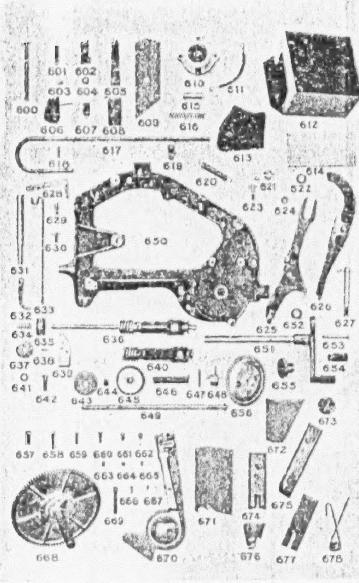
Release rod (67) should be adjusted, that when operated with a coin it will move far enough to bring end on top of



ASSEMBLED MECHANISM

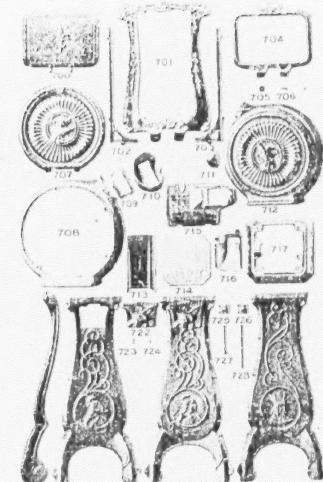
PARTS OF MECHANISM

ORDER SUPPLIES BY NUMBER OPPOSITE EACH PART,
REMITTING CASH WITH ORDER



PARTS OF MECHANISM

NO.	PART	PRICE
600	Book Trip Part	\$.34
601	..... Spring .....	.04
602	Switch Blade .....	.04
603	Copper Washer for clec.com at Switch Blade .....	.08 ^{1/2}
604	Fibre Washer to insulate Book Trip at side .....	.08 ^{1/2}
605	Book Trip Spring Support .....	.08 ^{1/2}
606	..... Spring .....	.04
607	Trip Stop Block (brass) .....	.04
608	Fibre Block for Switch Blade .....	.10
609	Socket Support for 10 volt Lamp .....	.06 ^{1/2}
610	Base for Lamp .....	.12 ^{1/2}
611	Wire Connection between Lamp and Switch .....	.08 ^{1/2}
612	Light Shield .....	.25
613	Guard .....	.08
614	Lens .....	.62
615	Tilting Chute Return Sleeve .....	.06 ^{1/2}
616	..... Spring .....	.04
617	Release Rod .....	.15
618	..... Pin .....	.06 ^{1/2}
619	..... Spring Arm .....	.06 ^{1/2}
620	..... Spring .....	.07 ^{1/2}
621	Coin Lever Washer .....	.01 ^{1/2}
622	Iron Washer for Tilting Chute .....	.01 ^{1/2}
623	Coin Lever Roller Stud .....	.04
624	..... Stud .....	.04
625	Tilting Chute .....	.12 ^{1/2}
626	..... Stud .....	.06 ^{1/2}
627	Releasing Bell Crank .....	.05
628	Stud for Releasing Bell Crank .....	.04
629	Worm Shaft Locking Link .....	.04
630	Worm Gear .....	.12 ^{1/2}
631	Worm Shaft Locking Link .....	.06 ^{1/2}
632	Releasing Link .....	.06 ^{1/2}
633	Friction Disc Spring .....	.06 ^{1/2}
634	Shoe .....	.05
635	Positive Drive—complete	1.00
636	Friction Disc .....	.06 ^{1/2}
637	..... Stud Pin .....	.04
638	Worm Shaft Gear .....	.10
639	..... including Worm Casting .....	.67
640	Worm Casting Retaining Pin .....	.04
641	Friction Spring Washer .....	.06 ^{1/2}
642	Stud for Felt Oiling Gear .....	.06
643	Oiling Gear Disc .....	.06 ^{1/2}
644	Collar .....	.06 ^{1/2}
645	Felt Oiling Gear .....	.21
646	Worm Casting Retaining Pin .....	.06 ^{1/2}
647	..... Retaining Pin .....	.04 ^{1/2}
648	Torsion Spring Collar and Pin .....	.49
649	Worm Shaft and End Pin .....	.15
650	Main Frame .....	.40
651	Shaft and Crank complete .....	.62
652	Sleeve on Crank Shaft .....	.05
653	Stud for Crank Handle .....	.07 ^{1/2}
654	Bevel Pinion .....	.13 ^{1/2}
655	Bevel Pinion .....	.12 ^{1/2}
656	Lange Bevel Gear .....	.12 ^{1/2}



PARTS OF CABINET

637	Screws to hold Main Frame	each	.01
638	" " Positive Drive		.01
639	" " Swap Blade Block		.01
640	" " Gage Socket		.01
641	" " Head Support		.01
642	" " Worm Shaft Gage, Register and Gauge Plate		.01
643	" " Coin Inlet Rosette		.01
644	" " Lower Coin Gauge Plate		.01
645	" " Swap Blade, Inc. Con. and Gauge Plate Guard		.01
646	" " Lens Retaining Plate		.01
647	" " Coin Hook		.01
648	Worm Gear		.50
649	Large Cotter Pin		.01½
650	Coin Register (complete) without Gear		.25
651	Coin Gauge Plate		.01
652	" " Guard		.01½
653	Inlet Plate with Lip		.20
654	Brass Coin Gauge Plate Block		.20
655	Coin Chute		.01½
656	Head		.01½
657	Tilting Chute Spring		.06½
658	Coin Chute Retaining Spring		.005

PARTS OF CABINET

700	Small Display Frame Back		.51
701	Large Display Frame Back		1.00
702	" " " " Back, left side		.22
703	" " " " right side		.22
704	Small " " Front		.01
705	Leather Washer for Display Frame		.01
706	Head		.57
707	Door		.21
708	Left Half of Head		.19
709	Lens Retaining Plate		.36
710	" " Mat		.31
711	Coin Inlet Rosette—complete		1.38
712	Right Half of Head		.28
713	Cash Drawer		.19½
714	Bottom Plate under Cash Drawer		.39
715	" " for Head		.47
716	Coin Chute below Bottom Plate		.26
717	Plate Between Head and Pedestal		.73
718	Leg		.94
719	Pedestal Front Panel		.97
720	" " Back		1.05
721	" " Side		1.12½
722	Cash Drawer Front		.01
723	Bolt to tighten Pedestal Panels together		.01
724	Coin Chute to Head Bottom Plate		.01
725	Cash Drawer		.30
726	Cabinet Door Lock		.30
727	Bolt to hold Head to Pedestal		.01
728	" " for uniting Head		.01½

Display Glass—Small Frame07
" " Mat01
Aluminum Paint, per gallon 2.80

When shipped by mail, cost of postage will be added.

NOTE—Above Prices subject to Market Changes.